

1/9

Input file Fbh2786c.seq; Output File 2786.trans
Sequence length 2459

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C	A	G	G	G	G	G	G	G	G	T	193
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C	T	G	C	T	G	G	G	G	G	V	24
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G	C	C	C	C	C	G	G	G	G	G	133
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G	C	C	C	C	C	G	G	G	G	G	133
A	E	F	G	P	P	G	P	G	G	G</td	

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E	L	K	K	K	R	V	D	I	I	P	G	F	E	F	D	R	W	L	N	484	
GAG	CTT	AAG	AAA	AAG	AGA	GTG	GAT	ATC	ATT	CCA	GGT	TTT	GAG	TTT	GAT	CGA	TGG	CTG	AAT	1452	1513
T	P	G	W	P	P	Y	L	P	D	L	S	P	G	D	S	L	M	K	P	504	
ACC	CCC	GGC	TGG	CCC	CCG	TAC	CTC	CCT	GAT	CTC	TCC	CCT	GGG	GAC	TCA	CTC	ATG	AAG	CCT	1512	1573
A	E	E	L	A	Q	L	W	A	A	E	E	L	D	M	K	A	I	E	A	524	
GCT	GAA	GAG	CTA	GCC	CAA	CTG	TGG	GCA	GCC	GAG	GAG	CTG	GAC	ATG	AAG	GCC	ATT	GAA	GCC	1572	1633
V	A	I	S	P	W	K	T	Y	Q	L	V	Y	F	L	D	K	I	L	Q	544	
GTG	GCC	ATC	TCT	CCC	TGG	AAG	ACC	TAC	CAG	CTG	GTC	TAC	TTC	CTG	GAT	AAG	ATC	CTC	CAG	1632	1693
K	S	P	L	P	P	G	N	V	K	K	L	G	D	T	Y	P	S	I	S	564	
AAA	TCC	CCT	CTC	CCT	CCT	GGG	AAT	GTG	AAA	AAA	CTT	GGA	GAC	ACA	TAC	CCA	AGT	ATC	TCA	1692	1753
N	A	R	N	A	E	L	R	L	R	W	G	Q	I	V	L	K	N	D	H	584	
AAT	GCC	CGG	AAT	GCA	GAG	CTC	CGG	CTG	CGA	TGG	GGC	CAA	ATC	GTC	CTT	AAG	AAC	GAC	CAC	1752	1813
O	E	D	F	W	K	V	K	E	F	L	H	N	Q	G	K	Q	K	Y	T	604	
CAG	GAA	GAT	TTC	TGG	AAA	GTG	AAG	GAG	TTC	CTG	CAT	AAC	CAG	GGG	AAG	CAG	AAG	TAT	ACA	1812	1873
L	P	L	Y	H	A	M	M	M	G	G	S	E	V	A	O	T	L	A	K	624	
CTT	CCG	CTG	TAC	CAC	GCA	ATG	ATG	GGT	GGC	AGT	GAG	GTG	GCC	CAG	ACC	CTC	GCC	AAG	GAG	1872	1933
T	F	A	S	T	A	S	O	L	H	S	N	V	V	N	Y	V	O	O	I	644	
ACT	TTT	GCA	TCC	ACC	GCC	TCC	CAG	CTC	CAC	AGC	AAT	GTT	GTC	AAC	TAT	GTC	CAG	CAG	ATC	1932	1993
V	A	P	K	G	S	*														651	
GTG	GCA	CCC	AAG	GGC	AGT	TAG														1953	

2011
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FIG. 1B.

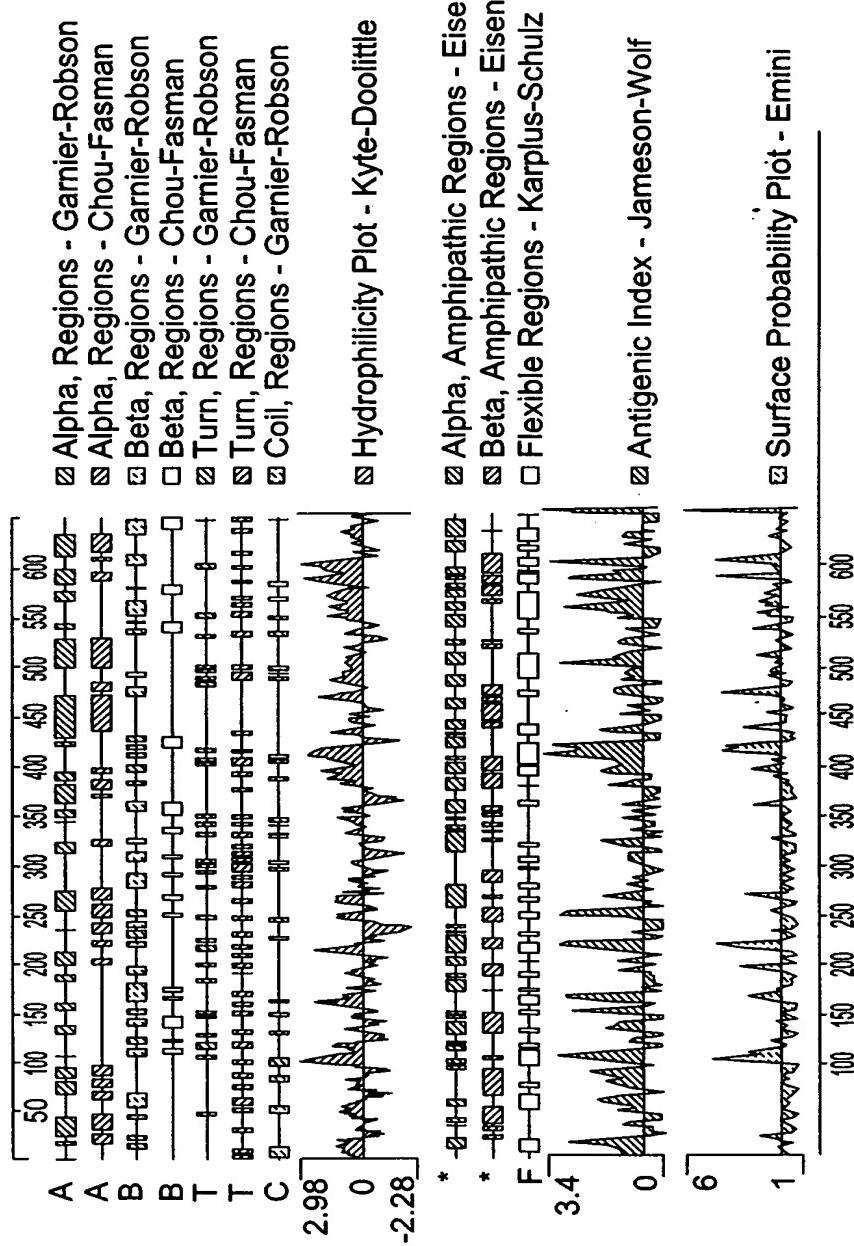


FIG. 2.

Title: 2786, A Novel Human Aminopeptidase
Inventor(s): Kapeller-Libermann et al.
Application No: Not Assigned
Atty Dkt No: 35800/242128(5800-62B)

Applicant: Rosana Kapeller-Libermann, et al
Title: 2786, A NOVEL HUMAN AMINOPEPTIDASE
Attorney/Agent: Mario Cloutier
Docket No.: MPI99-193CN2M

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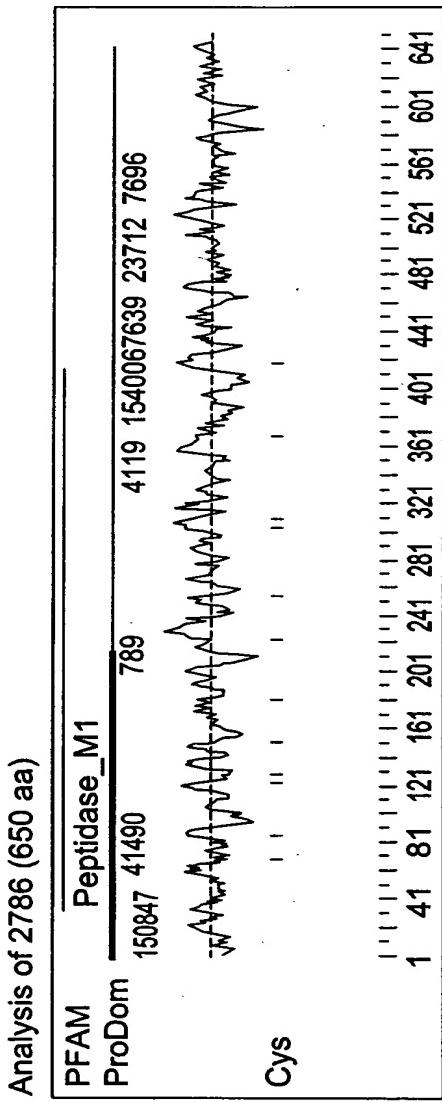


FIG. 3.

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Prosite Pattern Matches for 2786

Prosite version: Release 12.2 of February 1995

>PS00004/PDOC0004/CAMP_PHOSPHO_SITE cAMP- and cGMP-dependent protein kinase phosphorylation site.

Query: 356 RRIS 359

>PS00005/PDOC0005/PKC_PHOSPHO_SITE Protein kinase C phosphorylation site.

Query: 141 TYR 143

Query: 374 TGR 376

>PS00006/PDOC0006/CK2_PHOSPHO_SITE Casein kinase II phosphorylation site.

Query: 208 STWE 211

Analysis of 2786

Query: 318 SLAD 321

Query: 368 TCLE 371

Query: 386 TGEE 389

Query: 408 TYNE 411

Query: 412 TPYE 415

Query: 496 SPGD 499

>PS0008/PDOC0008/MYRISTYL N-myristoylation site.

Query: 9 GSGAAR 14

Query: 58 GLSGTA 63

Query: 119 GQALCV 124

Query: 333 GNLVTN 338

Query: 364 GAAYTC 369

Query: 614 GSEVAQ 619

>PS00009/PDOC0009/AMIDATION Amidation site.

Query: 159 AGKK 162

>PS00030/PDOC0030/RNP_1 Eukaryotic putative RNA-binding region RNP-1 signature.

Query: 416 KGFCFVSY 423

>PS00142/PDOC00129/ZINC_PROTEASE Neutral zinc metallopeptidases, zinc-binding region signature.

Query: 322 VIIHEISHW 331

FIG. 4.

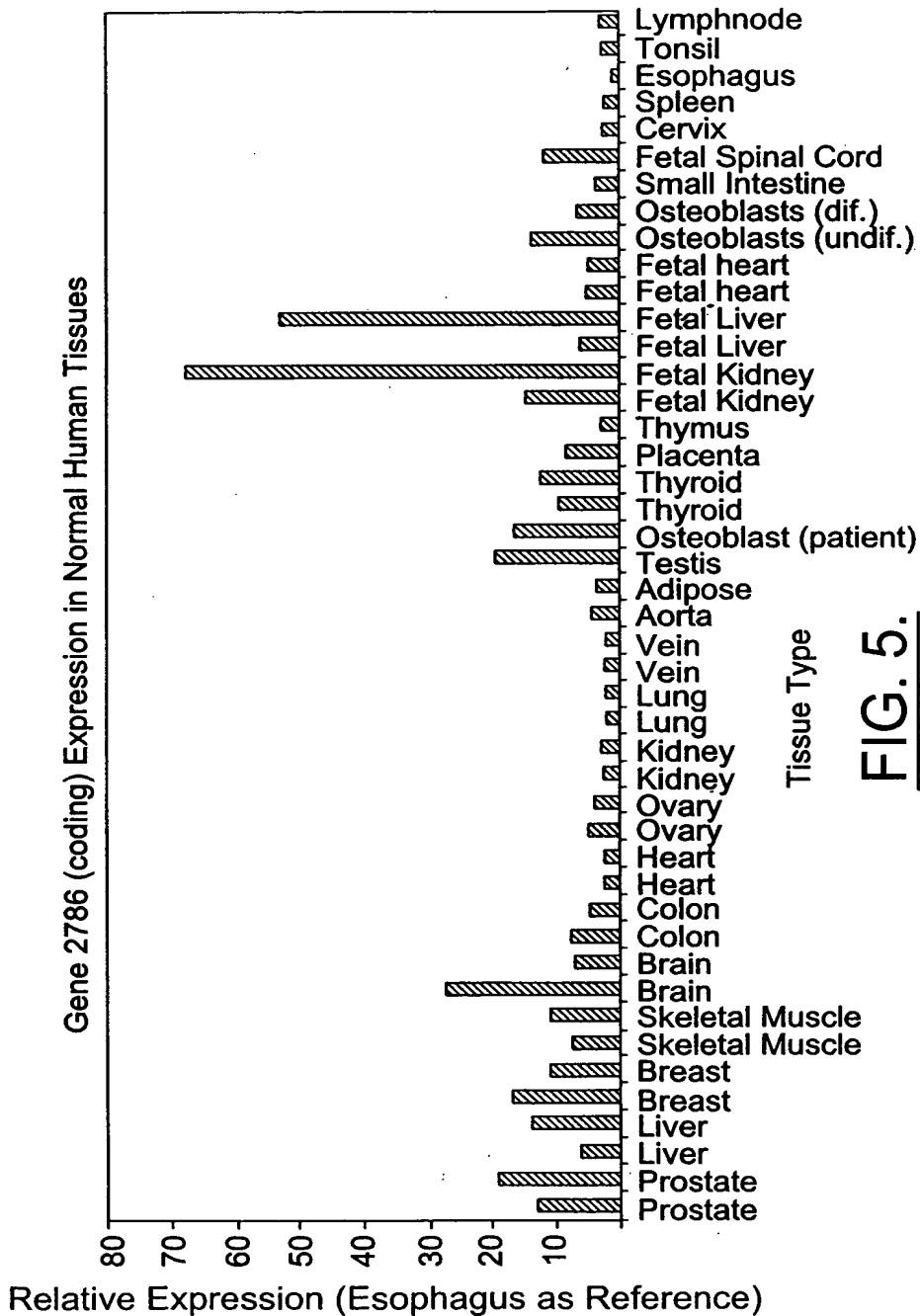
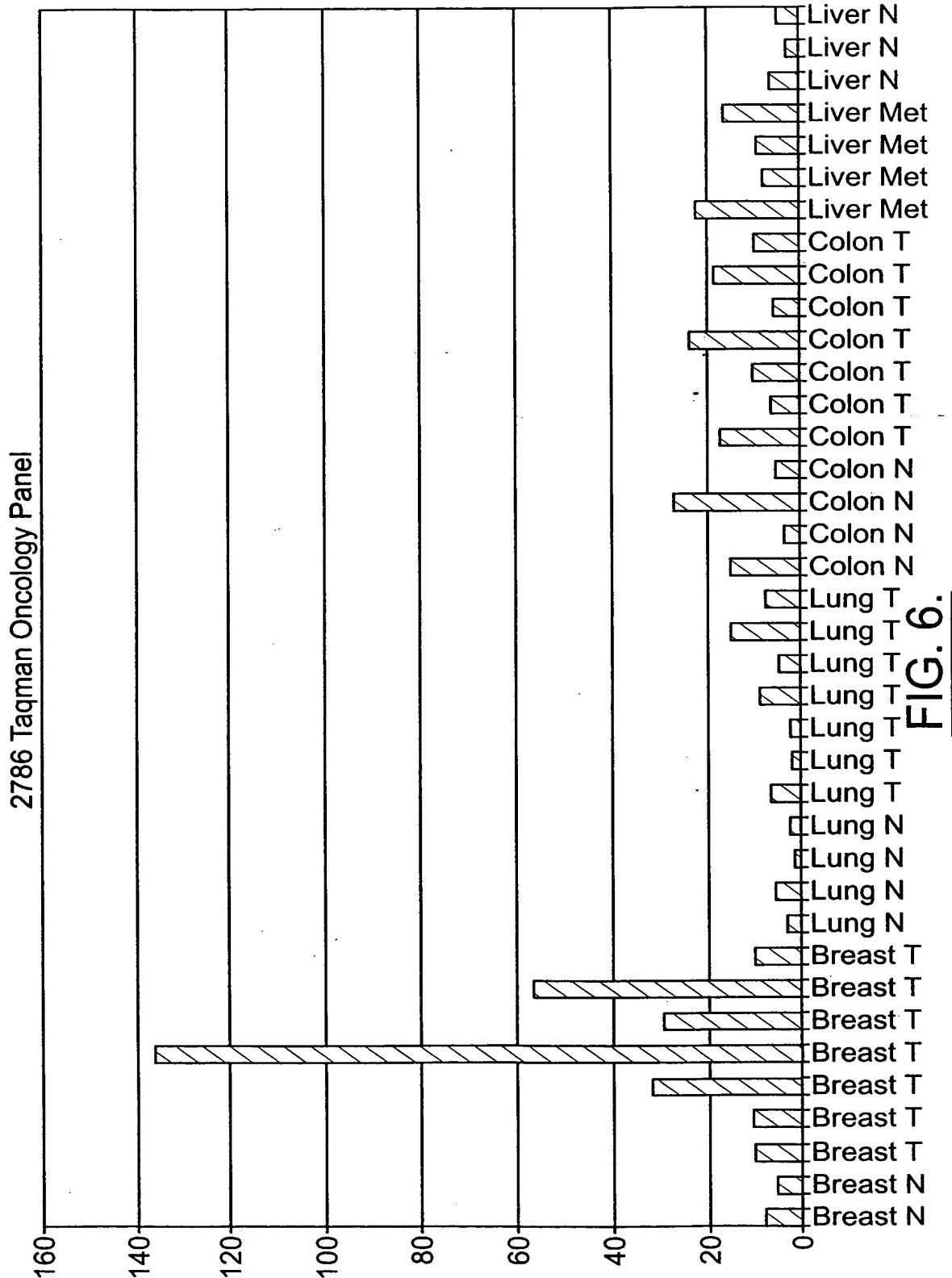


FIG. 5.

Applicant: Rosana Kapeller-Libermann, et al
Title: 2786, A NOVEL HUMAN AMINOPEPTIDASE
Attorney/Agent: Mario Cloutier
Docket No.: MPI99-193CN2M

Sheet 7 of 9 Sheets

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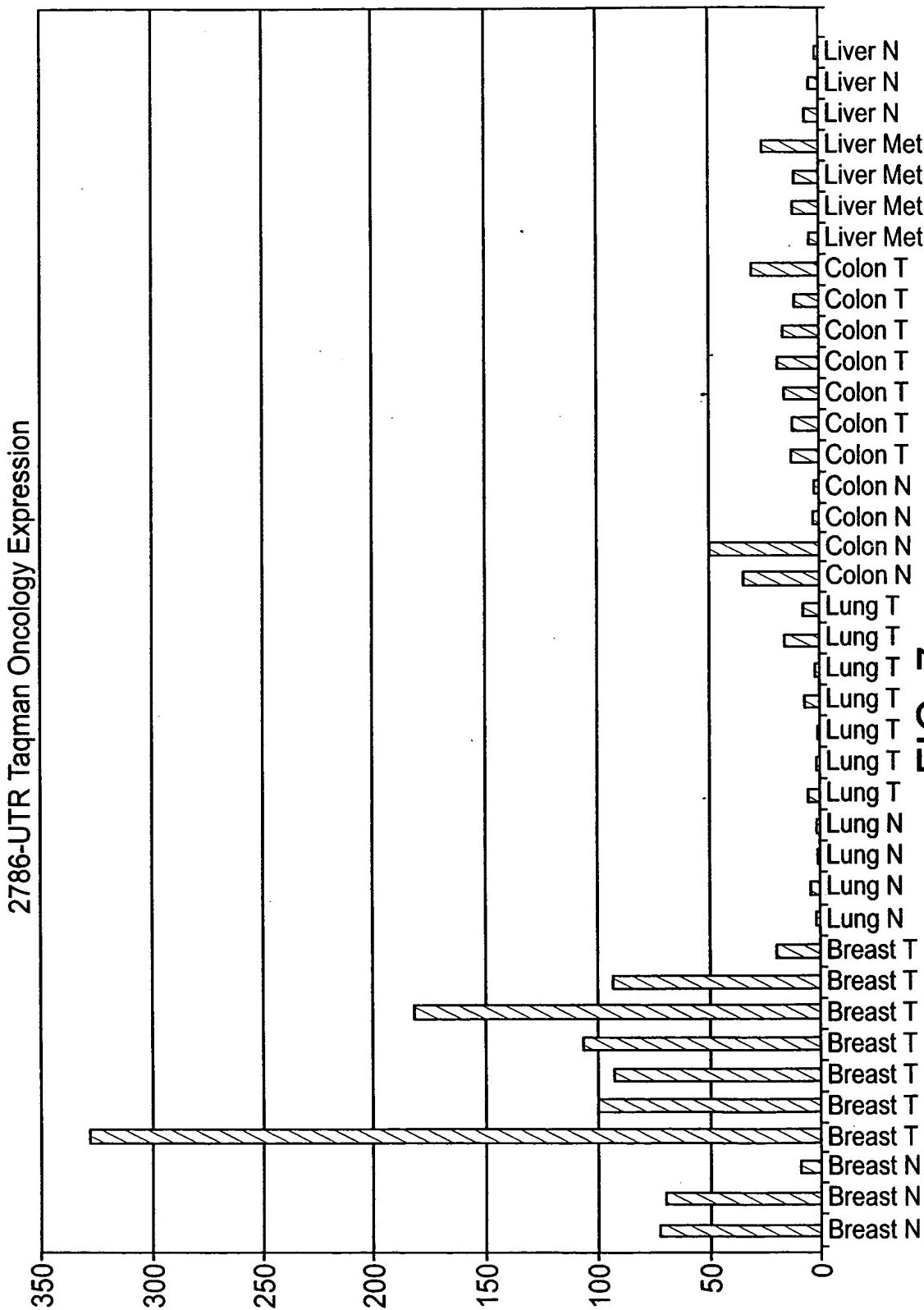


FIG. 7.

